



Curriculum overview Year 4

	<i>Autumn 1</i>	<i>Autumn 2</i>	<i>Spring 1</i>	<i>Spring 2</i>	<i>Summer 1</i>	<i>Summer 2</i>
Topic Question	Why are we here?	What makes our Earth extreme?	Did the Egyptians just build pyramids?	What did the Romans do for us?	What type of Art makes a sound?	What makes the perfect picnic?
Visits	Cambridge City centre trip	Cherry Hinton Hall (early)	Cherry Hinton Hall (late)	Arch and Anth	Cambridge Science Centre	Cherry Hinton Hall
Key texts	<i>The Wolf's Footprint</i> by Susan Price <i>Usborne Beginners: Wolves</i> J. Maclaine <i>Walk with a Wolf</i> by Janni Howker I Am The Seed That Grew The Tree	Weather/geography-based text <i>The Great Kapok Tree</i> by Lynne Cherry	Ma'at's feather Moon man Tomi Ungerer Children's craft books	<i>Zoo</i> by Anthony Browne <i>The Rainbow Bear</i> by Michael Morpurgo Haikus, syllabic poems, lists, kennings	<i>The Genius of Leonardo</i> by Guido Visconti <i>The Princess and the Pea</i> versions by Lauren Child / Rachel Isadora / Mini Grey / Hans CA <i>Beware of the Storybook</i> <i>Wolves</i> by Lauren Child	'Horrid Henry' series Mr Stink Local/national news <i>The Puffin Book of Utterly Brilliant Poetry</i> chosen by Brian Patten <i>Dragon Poems</i> chosen by John Foster
ENGLISH	Alternative endings Non chronological reports Poems based on a theme	Recounts/chronological reports Explanation Stories that raise issues	Myths and legends Instructional writing	Persuasive letters Poetic forms	Biographies Play scripts	Stories with familiar settings Discussion texts Poetry using imagery
Grammar	Simple sentences; Clauses and conjunctions; Past tense; 3 rd and 1 st Person; Prepositions; Adverbs and adverbials; Commas; Word classes; Sentence types; Present Tense	Fronted adverbials with comma use; Nouns, adjectives, phrases; Adverbs; Paragraphs and structure; Verbs, adverbs; Spelling rules for adverbs	Compound sentences; Complex sentences; Pronouns; Adjectives, Adverbs and Verbs; Fronted adverbials; Dialogue – direct speech; Speech marks	Past Tense; Pronouns; Perfect form; In/formal language; Time and Cause conjunctions; Apostrophes; Relative Clauses; Adverbs and Adverbials; Complex sentences	Powerful verbs; Paragraphs; Conjunctions; Adverbs; Prepositions; Speech marks; Powerful adverbs; Dialogue (play scripts); Apostrophes (possessive and plural possessive)	Present tense; Pronouns; Verb tenses; Adverbials; Conjunctions; Possessive Apostrophe; Multiple clause sentences; Commas to mark clauses
MATHS	Number place value Addition and subtraction	Measurement-Area Multiplication and division	Multiplication and division Length and perimeter Fractions	Fractions Decimals	Decimals Money Time	Properties of shape Statistics Position and direction

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SCIENCE	Living things and their habitats Sorting criteria Life processes Branching diagrams Habitats Changes in environments Impact of changes	Electricity Devices and safety Building circuits Troubleshooting Conductors and insulators Energy sources	States of matter Properties of solids, liquids and gases Changing temperatures change things (particles) Melting, freezing and dissolving	The water cycle Evaporation and condensation Make a rain bag Weather conditions	Sound Sources Vibrations Pitch and volume Our ears Sound insulation	Animals and humans Digestion and teeth Identifying and comparing teeth Finding out what happens to our food Functions of the organs Find out what we can learn from a poo
GEOGRAPHY	Why are we here? (Settlement) Explain differences between British Isles, GB and UK European union Areas of origin of main ethnic groups in UK and our school Name and locate main islands around UK and six cities on a map Why people choose to live in a place rather than another	What makes our Earth extreme? Describe how volcanoes are created Locate and name some of the world's most famous volcanoes Explain the risks and benefits of living by volcanoes Describe how earthquakes are created and how they are measured Explain what causes tornadoes and the effect they have	Tropic of Capricorn and Cancer (as part of Ancient Egyptian topic)	Collect and accurately collect information about wind speed, noise, rain, temp. (as part of science)		I can suggest ways to improve a locality (as part of Literacy – discussion and local issues) Discover features of villages, towns and cities - Cherry Hinton and Cambridge (as part of 'What makes the perfect picnic?') Plan a journey to a place in England (as part of 'What makes the perfect picnic')
HISTORY			Did the Egyptians just build pyramids? Timeline Egyptians Differences between the lives of poor and rich people. People's way of life dictated by the work they did. Food Children's life in history	What did the Romans do for us? Round up time differences into centuries and decades How events from the past have shaped our lives today How wars have happened a very long time ago and are often associated with invasion, conquering and religious differences Cooking, travel and weapons Compare 2 versions of event		
PSHE	Rights, rules and responsibilities: The difference between rights, wants and needs.	Working together Recognising and developing strengths and skills Developing communication and group work skills	Financial capability Recognise the different ways to gain money and pay for things	Sex and relationships The main stages of the human life cycle How I began	Managing safety & risk Identify physical, social and emotional risks How we react to risk	Healthy lifestyles Balanced and healthy lifestyles Mental well-being Benefits and effects of: - physical activity

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	<p>Explore how rights come with responsibilities and how these affect our home and school life.</p> <p>Understanding and developing rules.</p> <p>Democracy and decision making.</p> <p>How to disagree respectfully</p>	<p>Persevering with difficulties</p> <p>Anti-bullying: Defining bullying, the causes and types of bullying. The effects of bullying and responding to it. Supporting others and creating safe environments</p>	<p>Explore different ways to manage money and make choices about it.</p> <p>Look into the issues associated with poverty</p> <p>Investigate ways that help can be sought and the work of charities and other organisations.</p>	<p>Investigate what it means to be 'grown up'</p> <p>Explore what I am responsible for now and how this changes as I grow</p> <p>The role of parents and carers for babies and children</p> <p>How different caring, stable, adult relationships create a secure environment for children to grow up</p> <p>Drug education Different types of drugs and how they enter our bodies Safety with medicines Look at attitudes and beliefs around legal and recreational drugs and who might use them Explore how people are influenced and how we can find support</p>	<p>Developing strategies to reduce and cope with risk</p> <p>Receiving and giving help</p>	<ul style="list-style-type: none"> - healthy eating - dental hygiene - sleep <p>Making healthy choices</p>
RE	<p>What do Christians learn from the Creation story? Creation story from Genesis 1 and what Christians believe about God and the creation What Christians do because they believe God is the creator Ask questions and suggest answers about what might be important in the creation story for Christians living today, and for people who are not Christians</p>	<p>How does the story of Rama and Sita inspire Hindus to follow their dharma? Discuss the ideas of duty, roles and responsibilities Explore the characters of Rama and Sita Link the ideas of Dharma to the story Explore the celebration of Sita's example of dharma Explore the Hindu belief in 'dharma' in weddings Consider how dharma matches our beliefs and thoughts</p>	<p>How do Sikhs put their beliefs about equality into practice? Look into what 'equality' and 'being fair' is Look into the importance of equality to the Sikh community Explore beliefs in equality in Sikh stories and texts Look at the ways in which equality is practiced in the Sikh community Explore how Sikh's experience a sense of equality in their personal lives Consider how the Sikh belief in equality compares to our own</p>	<p>Why do Christians call the day Jesus died Good Friday? Place the event within the Bible's 'big story' Offer suggestions for what the texts about the entry into Jerusalem, and the death and resurrection of Jesus might mean Give examples of what the texts studied mean to some Christians Make simple links between the Gospel texts and how Christians mark the Easter events in their church communities Describe how Christians show their beliefs about Palm Sunday, Good Friday and Easter Sunday in worship</p>	<p>What is the Trinity? Digging deeper Identify John 1 as part of a 'Gospel', noting some differences between John and the other Gospels Offer suggestions for what texts about God might mean Give examples of what the texts studied mean to some Christians Describe how Christians show their beliefs about God the Trinity in the way they live Make links between some of the texts and teachings about God in the Bible and what people believe about God in the world today, expressing some ideas of their own clearly</p>	<p>What kind of world did Jesus want? Digging deeper List two distinguishing features of a parable Make clear links between the story of the Good Samaritan and the idea of the Gospel as 'good news' Offer some ideas about the meaning of the Good Samaritan story to Christians Make simple links between the Good Samaritan story and the importance of charity in Christian life Give some examples of how Christians act to show that they are following Jesus</p>

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				Make links between some of the stories and teachings in the Bible and life in the world today, expressing some ideas of their own clearly		Make links between some of Jesus' teachings about how to live, and life in the world today
DT			<p>Design jewellery – moulded materials (clay) Looking at historical sources Replicating designs Identifying key features Selecting appropriate media Designing own to match the criteria Modifying designs if necessary Evaluating the process and outcome</p> <p>Games / quizzes using an electrical circuit – electrical and mechanical components</p>	<p>Buildings – construction Identifying features of specific buildings How to join materials Strengthening joints Designing a building from a historical era Constructing with appropriate materials Create outer façade Evaluate and refine</p>	<p>What type of art makes a noise? - Mark making to represent pitch and volume Marks, lines and colour to show texture to represent pitch, volume, emotion Use line, tone, shape and colour to represent figure, form and movement Experiment with styles used by other artists Use ideas from other people when designing Produce a plan and explain it Experiment with styles used by other artists</p>	<p>What makes the perfect picnic? – cooking and nutrition Food: plan and prepare a picnic – research class preferences and dietary needs Investigate nutritional values and packaging Make healthy swaps, including in recipes Design and make packaging Devise menu and a recipe Make and bake Taste and evaluate</p> <p>Creative Arts Week – links to art objectives</p>
ART	<p>Landscape Detailed drawings of animals and environments – pencil and colour, lines and pattern, colour blending, shading and shadows</p>	<p>Portraits Focus on eyes noses mouths and hair, pencil and colour, positioning of features, portraits, whole body, colour to convey moods</p>			<p>Produce a plan and explain it Investigate ways of joining materials Join materials in appropriate ways Evaluate and suggest improvements to design for purpose and appearance Explain how original design was improved</p>	<p>Still life/pattern – pattern and line in natural objects, pencil and colour, clay tiles to show texture</p> <p>Creative Arts Week – links to DT objectives</p>
MUSIC	<p>The Beatles In Colour Developing understanding of The Beatles' music and career by looking closely at their more experimental songs Developing singing technique by singing new Beatles songs</p>	<p>World of Folk Music Developing an understanding of a wide range of folk music from different musical traditions and historical periods Developing singing by singing a range of folk songs as a whole class</p>	<p>The Unanswered Question Developing our understanding of the life and work of American composer Charles Ives Composing a piece of music inspired by his famous piece 'The Unanswered Question'</p>	<p>Musicianship and ukulele techniques Revising basic chords and learning intermediate chords on the ukulele Practising playing these as part of a group Developing our understanding of melodic notation</p>	<p>Beethoven, Mozart & Elgar Developing understanding of the lives and musical styles of Beethoven, Mozart & Elgar Developing ensemble skills by playing famous tunes by these composers on the glockenspiels</p>	<p>The Unanswered Question Composing a piece of music inspired by his famous piece 'The Unanswered Question' Develop improvising Develop our ensemble skills</p>



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<p>PE</p>	<p>Tennis Hitting a moving ball Hitting into a target space Using space and moving into position</p> <p>Football Practise and improve dribbling and passing Introduce tackling in small-sided games Square pass</p>	<p>Quick sticks Introduce and practise hockey push, passing and dribbling skills Practice and refine dribbling and passing skills Keeping possession and shooting Passing to nominated player in end zone</p> <p>Dance – cold places Create and perform short movement phrases Compose and perform movement phrases to include specific actions Duo dance phrases communicating character Refine, practise and perform</p>	<p>Netball Types of passes and their function Passing into spaces Aiming and improving accuracy Footwork and dodging and defending</p> <p>Gym – rotation Different types of rotational actions Turning, spinning, changing and travelling in different directions Twisting actions performed on different level with control Varying speeds and improving quality of actions Develop movement phrases to show variation in speed, level and direction Evaluate, refine and improve</p>	<p>Basketball Awareness of space and passing Dribbling and bouncing Passing and receiving Scoring Dodging and protecting</p> <p>Dance-The Haka Identify and copy strong movements – mirroring, unison and travel Compose short movement phrases Create and perform movement phrases in pairs and small groups Evaluate phrases and create class haka Evaluate performance, refine movements and perform</p>	<p>Cricket Batting to specific space Fielding skills – including bowling Effective throwing and passing</p> <p>OAA Team games to solve problems Reasons for warm-ups and cool-downs and how our bodies react differently Navigate around a space Map reading skills Creating and using symbols Follow a map</p>	<p>Athletics Sprinting, running for distance and relay Long jump and standing jump Javelin (overarm throwing) Shot put (push) and discus (rotation)</p> <p>Rounders Hitting to specific space Fielding skills – bowler, bases, backstop Effective throwing and passing</p>
<p>COMPUTING</p>	<p>Internet networks Understanding what networks are How content is added to the WWW Recognising sponsored content Recognising not everything online is true and how to make judgements</p>	<p>Programming – repetition in shapes Repetition in sequences Breaking tasks into smaller steps Drawing shapes using sprites Create a program in a text-based language (Logo)</p>	<p>Photo editing Choosing and downloading images Editing the composition and colours of photos Know that some images online have been edited Consider copyright when sourcing content</p>	<p>Data logging Using data loggers Asking and answering questions using datasets Reading data in spreadsheets</p>	<p>Programming – repetition in games Repetition in sequences Use infinite and count-controlled loops Make accurate predictions about a programme Decompose a task into smaller steps Code a simple game</p>	<p>Audio editing Record audio Edit audio Create a podcast</p>
<p>FRENCH</p>	<p>Revision of colours Body parts Descriptions (adjectives)</p>	<p>Verb être (to be) Christmas (Snowman and clothes)</p>	<p>Zoo animals Pets Members of the family</p>	<p>Conversations about family Easter – perform an Easter poem</p>	<p>Using a dictionary Hobbies – verbs Numbers 12-31</p>	<p>Leisure activities Travelling abroad - clothes</p>